

Economy Non-Illuminated Plastic Push Buttons Specifications

A. Mechanical Characteristics

Contact Operation	NO/NC Slow Break
Operating Travel	Changing NC status = 2mm Changing NO status = 2mm Total travel = 3.5mm
Operating Force for 3PSF Series	Changing NC status = 4.22mm Changing NO status = 5.60mm Travel required to change NC status = 0.65mm Travel required to change NO status = 1.65 to 1.98mm Total travel = 3.8mm
Contact Configurations	1NO; 1NO + 1NC; 2NC
Terminal Torque	0.5Nm / 4.5lbs. in.

B. Mechanical Durability

Push Button, Spring Return	1 Million Operations
Push-Push Type	100,000 Operations
Applicable Standard	UL508; IS13947-5-1; CSA 22.2
Degree of Protection	IP65 (as per IS 13947); Nema Type 4X,12 (as per UL50)
Temperature Range	-25° to +85°C (-13°F to 180°F)

C. Electrical Characteristics

Rating	<i>For AC:</i> D300= 120V, make current 3.6A & break current 0.60A (thermal current=1.0A) C300= 120V, make current 15A & break current 1.5A (thermal current=2.5A) <i>For DC:</i> R300= 125V, make or break current 0.22A (thermal current=1.0A) & Q300=125V, make or break current 0.55A (thermal current=2.5A)
Terminal Capacity for wiring	2 X 1.5mm ² ; 1 X 0.5mm ² (min); 1 X 2.5mm ² (max)
Contact Material	• Moving contact = Phosphor Bronze • Fixed Contact = Brass silver plated 2 microns
Short Circuit Protection	4A fuse
Dielectric Test	2.5KV
Rated insulation Resistance	500M ohm
Rated Thermal Current	2.5A

Dimensional Drawings

All dimensions shown in millimeters.
To convert to inches multiply by 0.03937

